

SCOPE OF SUPPLY

1. The scope envisages manufacture, assemble and supply of **Mechanical Enclosures of UWACS TRITON Master Unit, DSA 36 109 0 002, (5 Nos)** as per the following details enclosed
 - I. Mechanical Parts List (BOM) as **Annexure-B**
 - II. 3D pdf and fabrication part drawings
2. IGES files will be provided along with final Purchase order.
3. All raw materials as per the BOM and drawings to be procured by the supplier.
4. The supplier has to do raw material testing in any NABL accredited lab as per the mandatory procedures mentioned at the last part of this scope of supply.
5. Material: - for machined parts Aluminium HE-30, for Aluminium sheet metal parts Aluminium 5052-H32 and for SS parts SS -316 material to be used for fabrication.
6. The supplier has to fabricate and supply all items with "Finish" in assembled condition as per the drawings and BOM attached.
7. All dimensions are critical. Items must be free from pit marks, cracks and/or other manufacturing defects.
8. All Material testing charges (Lab charges) and sample costs are to be borne by the supplier (Manufacturer).
9. The firm should fabricate/assemble the free issue materials (for each unit) supplied by M/s. KELTRON mentioned in **Annexure-C**.
10. SS 316 grade fasteners and A4 grade bolts are to be used for assembling the rack and to be assembled as per the approved BOM.
11. After Fabrication of items, vendor's internal inspection reports, Material test certificates from NABL accredited lab (soft copies) and inspection call letter to be forwarded at least one week advance to KELTRON, for deputing person for inspection.
12. Liquid Penetrant Test shall be done on all welded parts, by the supplier at NABL accredited Lab. Test shall be witnessed by KELTRON SPG QA. Test reports should be submitted.
13. Bare cabinets have to be inspected and accepted by KELTRON SPG QA, prior to dispatch. DPT report & all dimensions check reports are to be provided along with the inspection call letter.
14. All items to be inspected and accepted by KELTRON SPG QA prior to dispatch.
15. All material certificates including chemical and mechanical, finish reports, Die penetration test report (from NABL accredited Lab) for welded parts and Material test certificates from NABL accredited lab (wherever applicable) are to be provided along with the supply.
16. NABL accredited lab report should meet all Latest policies and guidelines issued by NABL.
17. All items should be **Non Chinese** origin.

ANNEXURE A

18. For the items which are sourced from abroad, the following documents are to be supplied along with the stores
 - (i) Air way bills, (ii) Bill of entry, (iii) OEM COCs, (iv) Manufacturer Test reports, (v) Invoice, (vi) Purchase order copies, (vii) Datasheets
19. For the items which are manufactured in India must have OEM COC's, purchase order, Manufacturer test reports, invoice and datasheets are to be supplied along with the stores.
20. Surface Finish: -Yellow CC coating and powder coating.
21. Colour and shade number will be provided by KELTRON on or before stage inspection.
22. Delivery schedule shall be as given below. One Month early delivery acceptable.

DELIVERY SCHEDULE	WITHIN 5 MONTHS FROM THE DATE OF PO
DELIVERY QTY	5 Nos

PROCEDURE FOR MATERIAL TESTING

1. The samples of all raw materials used for fabricating the mechanical items are to be inspected by KELTRON SPG QA department before conducting the material/ chemical test at NABL Lab.
2. After raw material procurement by the supplier, before cutting the raw material samples, call letter shall be given to KELTRON for arranging raw material inspection at supplier premises.
3. Along with the call letter, MIL TC, supporting Purchase Order of Procuring raw materials & Delivery Challan of Raw Material Supplier should be submitted. There should be traceability in documents. Detailed Material consumption details to be provided as Report.
4. Heat Number in the MIL TC should be in Raw material also.
5. KELTRON SPG QA will seal the samples after verification.
6. Sealed samples shall contain serial number/ traceable number that must be furnished in the material certificates.
7. Raw material tests are to be carried out for both Mechanical and Chemical properties.
8. The Raw material test reports from the NABL lab should contain the Heat Number, QA traceable number /serial number and ink signed signature with seal of NABL Lab
9. **LAB reports must contain standard values and observed values of the samples along with material grade confirmation.**
10. Tested material samples to be submitted back to SPG KELTRON along with the original test reports.